

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective December 8, 2004

10-821862

CLAIMS AS FILED - PART I

| TOTAL CLAIMS                     | (Column 1)   | (Column 2)               |
|----------------------------------|--------------|--------------------------|
| FOR                              | NUMBER FILED | NUMBER EXTRA             |
| TOTAL CHARGEABLE CLAIMS          | - minus 20 = | =                        |
| INDEPENDENT CLAIMS               | - minus 3 =  | =                        |
| MULTIPLE DEPENDENT CLAIM PRESENT |              | <input type="checkbox"/> |

| SMALL ENTITY TYPE | OTHER THAN OR SMALL ENTITY |
|-------------------|----------------------------|
| RATE              | Fee                        |
| BASIC FEE         | 150.00                     |
| X\$ 25=           |                            |
| X100=             |                            |
| +180=             |                            |
| TOTAL             | <input type="checkbox"/>   |
| OR                |                            |
| BASIC FEE         | 300.00                     |
| X\$50=            |                            |
| X200=             |                            |
| +360=             |                            |
| OR TOTAL          | <input type="checkbox"/>   |

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| AMENDMENT                                      | (Column 1)                       | (Column 2) | (Column 3)                         |
|--|----------------------------------|------------|------------------------------------|
|  | CLAIMS REMAINING AFTER AMENDMENT |            | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| Total  | 7                                | Minus      | ** 20 = -                          |
| Independent                                    | 2                                | Minus      | *** 3 = -                          |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/>         |            |                                    |

| SMALL ENTITY        | OTHER THAN OR SMALL ENTITY |
|---------------------|----------------------------|
| RATE                | ADDITIONAL FEE             |
| X\$ 25=             |                            |
| X100=               |                            |
| +180=               |                            |
| TOTAL ADDIT. FEE    | <input type="checkbox"/>   |
| OR                  |                            |
| X\$50=              |                            |
| X200=               |                            |
| +360=               |                            |
| OR TOTAL ADDIT. FEE | <input type="checkbox"/>   |

| AMENDMENT                                      | (Column 1)                       | (Column 2) | (Column 3)                         |
|--|----------------------------------|------------|------------------------------------|
|  | CLAIMS REMAINING AFTER AMENDMENT |            | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| Total  | 7                                | Minus      | ** =                               |
| Independent                                    | 2                                | Minus      | *** =                              |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/>         |            |                                    |

| RATE             | ADDITIONAL FEE           | RATE             | ADDITIONAL FEE           |
|------------------|--------------------------|------------------|--------------------------|
| X\$ 25=          |                          |                  |                          |
| X100=            |                          |                  |                          |
| +180=            |                          |                  |                          |
| TOTAL ADDIT. FEE | <input type="checkbox"/> |                  |                          |
| OR               |                          | X\$50=           |                          |
|                  |                          | X200=            |                          |
|                  |                          | +360=            |                          |
| OR               |                          | TOTAL ADDIT. FEE | <input type="checkbox"/> |

| AMENDMENT                                      | (Column 1)                       | (Column 2) | (Column 3)                         |
|--|----------------------------------|------------|------------------------------------|
|  | CLAIMS REMAINING AFTER AMENDMENT |            | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| Total  | 7                                | Minus      | ** =                               |
| Independent                                    | 2                                | Minus      | *** =                              |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/>         |            |                                    |

| RATE    | ADDITIONAL FEE | RATE   | ADDITIONAL FEE |
|---------|----------------|--------|----------------|
| X\$ 25= |                |        |                |
| X100=   |                |        |                |
| +180=   |                |        |                |
|         |                | X\$50= |                |
|         |                | X200=  |                |
|         |                | +360=  |                |